

# Wireless Pile Load Test Kit

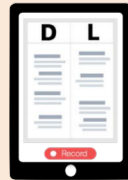
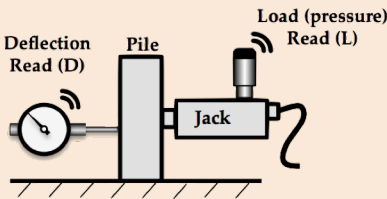


Wireless Pile Load Test Kit measures pile deflection under different load conditions with multiple (up to 10) Bluetooth dial indicators, BlueDials, and Bluetooth pressure sensor, BluePSI, on iPad. The BlueDials measure pile movements during load application and the BluePSI, mounted on the hydraulic pump, monitors load change. The App runs on iPad and pairs with BlueDials and BluePSI. Readings from all wireless gages will be synced, updated and logged in the App.



Bluetooth Pressure Sensor	Specification
Measurement Range	0-5000 psi (more options available)
Accuracy	±0.25% of full scale
Data Transmission Interval	5 s (adjustable)
Transmission Range	20 m (indoors)/30 m (outdoors)
Working Temperature	-20 - 85 °C
Battery Life	2 yrs (CR2050) with 5 s intervals
Pressure Port	¼-18 NPT (more options available)

BlueDial	Specification
Measurement Range	2 in/50 mm
Resolution	0.0005 in/0.01 mm
Accuracy	0.001 in
Wireless Data Rate	10 HZ
Transmission Range	20 m (indoors)/30 m (outdoors)
Working Temperature	0 - 50 °C
Bluetooth Battery Life	50 hrs (rechargeable)



### Included in the Package:

- BlueDial(s): Bluetooth Dial Indicator(s)
- Bluetooth Pressure Sensor 1X
- Protective Carrying Case 1X
- Wireless Pile Load Test App for iPad
- iPad with rugged protective case (optional)

### App Features:

- Easy pair/unpair with sensors
- Simultaneous recording of BlueDials and pressure sensor
- Measurement results organized in table
- Remote zeroing BlueDial readings in the App
- Automatic calculation of average deflection
- Option to enter jack calibration equation for automatic pressure-load conversion
- Excel CSV export via email
- Local saving on iPad for future access and export



For iPad

